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23413 7590 06/01/2010
CANTOR COLBURN, LLP
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Diane Briggs (Depositor's name)
Diane Briggs (Signature)
August 10, 2010 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10708251 02/19/2004 Richard B. Pingree Jr. ATT-0022 2250

TITLE OF INVENTION: METHOD AND SYSTEM FOR DETECTION OF SOLID MATERIALS IN A PLASMA USING AN ELECTROMAGNETIC CIRCUIT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1510 \$300 \$0 \$1810 09/01/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS	08/11/2010 SZEWDIE2 00000020 10708251
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AKRAM, IMRAN

1795

436-146000

01 FC:1501

1510.00 OP

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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1. **CANTOR COLBURN, LLP**

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3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

AXCELIS TECHNOLOGIES, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Beverly, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(a)(2).

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Authorized Signature *Laah M. Reimer*
 Typed or printed name **Laah M. Reimer, Ph.D.**

Date **August 10, 2010**

Registration No. **39,341**

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